INTERNATIONAL SEARCH REPORT

interponal Application No PCT/US2004/021027

			101/032004/02102/		
A. CLASSIF IPC 7	ication of subject matter H04L27/26 H04L1/06				
According to	International Patent Classification (IPC) or to both national classificati	on and IPC			
B. FIELDS S	SEARCHED				
IPC 7	cumentation searched (classification system followed by classification H04L	symbols)			
Documentati	on searched other than minimum documentation to the extent that suc	ch documents are inclu	ded in the fields searched		
Electronic da	ata base consulted during the International search (name of data base	and, where practical	search terms used)		
EPO-Int	ternal, INSPEC				
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.		
Х	SUMEI SUN; WIEMER I; HO C K; TJHUI "Training sequence assisted channel estimation for MIMO OFDM" WCNC 2003 - IEEE WIRELESS COMMUNION AND NETWORKING CONFERENCE,	1-26			
	vol. 1, 16 March 2003 (2003-03-16 38-43, XP002304707 NEW ORLEANS, LA, USA the whole document				
A			27-30		
F					
Further documents are listed in the continuation of box C. Patent family members are listed in annex.					
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance		T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention			
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	Ition) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Reli	evant to claim No.	
A	MYEONGCHEOL SHIN ET AL: "A new training symbol structure to enhance the performance of channel estimation for mimo-ofdm systems" 2003 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING. PROCEEDINGS. (ICASSP). HONG KONG, APRIL 6 - 10, 2003, IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING (ICASSP), NEW YORK, NY: IEEE, US, vol. Vol. 1 OF 6, 6 April 2003 (2003-04-06), pages IV397-IV400, XP010641180 ISBN: 0-7803-7663-3 the whole document		1-30	
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